

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.

Application Serial Number: 10/785,168A  
Source: 1Fw0  
Date Processed by STIC: 12/3/04

# ***ENTERED***



IFWO

RAW SEQUENCE LISTING                      DATE: 12/03/2004  
 PATENT APPLICATION: US/10/785,168A              TIME: 10:13:09

Input Set : A:\seqlst.txt  
 Output Set: N:\CRF4\12032004\J785168A.raw

```

4 <110> APPLICANT: Joseph R. Testa
5     Yasuhiro Mitsuuchi
6     Poulikos Poulikakos
8 <120> TITLE OF INVENTION: MODULATION OF APPL EXPRESSION
11 <130> FILE REFERENCE: 0149 FCCC 99-04
13 <140> CURRENT APPLICATION NUMBER: 10/785,168A
14 <141> CURRENT FILING DATE: 2004-02-23
16 <150> PRIOR APPLICATION NUMBER: PCT/US02/27018
17 <151> PRIOR FILING DATE: 2002-08-23
19 <150> PRIOR APPLICATION NUMBER: 60/314,530
20 <151> PRIOR FILING DATE: 2001-08-23
22 <160> NUMBER OF SEQ ID NOS: 8
24 <170> SOFTWARE: FastSEQ for Windows Version 3.0
26 <210> SEQ ID NO: 1
27 <211> LENGTH: 18
28 <212> TYPE: DNA
29 <213> ORGANISM: Artificial Sequence
31 <220> FEATURE:
32 <223> OTHER INFORMATION: synthetic sequence
34 <400> SEQUENCE: 1
35     tccccggcat cgtggcgg                                     18
37 <210> SEQ ID NO: 2
38 <211> LENGTH: 16
39 <212> TYPE: DNA
40 <213> ORGANISM: Artificial Sequence
42 <220> FEATURE:
43 <223> OTHER INFORMATION: synthetic sequence
45 <400> SEQUENCE: 2
46     gaccttgtct gcgggc                                     16
48 <210> SEQ ID NO: 3
49 <211> LENGTH: 21
50 <212> TYPE: DNA
51 <213> ORGANISM: Artificial Sequence
53 <220> FEATURE:
54 <223> OTHER INFORMATION: synthetic sequence
56 <400> SEQUENCE: 3
57     gtgtgttgct gcacttaatt c                               21
59 <210> SEQ ID NO: 4
60 <211> LENGTH: 32
61 <212> TYPE: DNA
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <223> OTHER INFORMATION: synthetic sequence

```

## RAW SEQUENCE LISTING

DATE: 12/03/2004

PATENT APPLICATION: US/10/785,168A

TIME: 10:13:09

Input Set : A:\seq1st.txt

Output Set: N:\CRF4\12032004\J785168A.raw

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67 <400> SEQUENCE: 4
68 gggcagcttg tcgatccccg gcacgtggc gg 32
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 18
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: synthetic sequence
78 <400> SEQUENCE: 5
79 tgggcggcta cgtgcgcg 18
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 21
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Combined DNA/RNA sequence (siRNA with thymidine
88 tag)
-> 90 <221> NAME/KEY: misc_feature
91 <222> LOCATION: (0)...(0)
92 <223> OTHER INFORMATION: n is thymidine
-> 94 <400> 6
-> 95 gaugccacag cuauuuccan n 21
97 <210> SEQ ID NO: 7
98 <211> LENGTH: 21
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: synthetic sequence
105 <400> SEQUENCE: 7
106 cagtcgcgtt tgcgactggt t 21
108 <210> SEQ ID NO: 8
109 <211> LENGTH: 93
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: synthetic sequence
116 <400> SEQUENCE: 8
117 aaaaaagtcc actggaagca gctaccaacc aacctcaagc ttcaagtcgg ttgatagctg 60
118 cttccagtag acggtgtttc gtcctttcca caa 93

```

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 12/03/2004  
PATENT APPLICATION:    US/10/785,168A      TIME: 10:13:10

Input Set : A:\seqlst.txt  
Output Set: N:\CRF4\12032004\J785168A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; N Pos. 20,21

VERIFICATION SUMMARY

DATE: 12/03/2004

PATENT APPLICATION: US/10/785,168A

TIME: 10:13:10

Input Set : A:\seq1st.txt

Output Set: N:\CRF4\12032004\J785168A.raw

L:90 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!

L:94 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6

L:95 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0